Electronic Acknowledgement Receipt				
EFS ID:	2427885			
Application Number:	10773072			
International Application Number:				
Confirmation Number:	6032			
Title of Invention:	Increased ultra wideband (UWB) user capacity transmitter utilizing time and frequency reuse approaches			
First Named Inventor/Applicant Name:	Brent T. Toland			
Correspondence Address:	Connie M. Thousand Northrop Grumman Space & Mission Systems Corp. One Space Park Bldg. E1/2041 Redondo Beach CA 90278 US 3108131550 -			
Filer:	Christopher Harris/Lisa L. Pringle			
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Application Type:	Utility under 35 USC 111(a)			
Payment information:				
Submitted with Payment	yes			
Payment was successfully received in RAM	\$1050			

3696

RAM confirmation Number

Deposit Account	

## File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)			
1 Amendment - After Non-Final Rejection	ST7618Response.pdf	5038082	no	15				
		39ct2c9cac312ba8c3410a69cbb02f10a 8c19d83						
Warnings:								
Information:								
2 Fee Worksheet (PTO-06)	fee-info.pdf	8204	no	2				
		53d0009ebe9o61a9933416c65954e95 45fe950b5						

Warnings: Information:

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## New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.53) (b) lo issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

## National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

## New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RD/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.